

Butler, Douglas

PLUS  
4/27/04

**From:** PLUS  
**Sent:** Wednesday, April 14, 2004 11:04 AM  
**To:** Butler, Douglas  
**Subject:** PLUS Results for 10037118

Here are the PLUS search results for 10037118.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10037118\_QUAL.txt



10037118\_LIST.txt



10037118\_WEST.txt



10037118\_EAST.txt



10037118.east



10037118\_CLS.txt



10037118\_CLSTITLES.txt



10037118\_WDS.txt

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10037118\_LIST

PLUS Search Results for S/N 10037118, Searched April 14, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5573088	5524743	5270645
6186290	5528444	5496254
6202806	5528445	4267647
5598908	5552651	4404483
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5194773	5883484	RE33186
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6211591	6025666	5177393
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10037118\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10037118 on April 14, 2004

Original Classifications

7 318/254  
4 192/21.5  
3 310/263  
3 310/77  
3 318/375  
2 188/164  
2 188/267  
2 310/198  
2 310/40MM  
2 310/68D  
2 310/80  
2 310/90.5  
2 310/92  
2 318/381  
2 318/611  
2 318/701  
2 322/10  
2 322/34  
2 361/20

Cross-Reference Classifications

7 310/261  
7 318/254  
5 310/268  
5 318/138  
4 188/164  
4 310/105  
4 310/112  
4 310/211  
4 310/93  
3 188/267  
3 310/114  
3 310/181  
3 310/77  
3 310/90  
3 318/245  
3 318/376  
3 318/439  
3 318/696  
3 322/32  
2 188/161  
2 188/267.1  
2 188/267.2  
2 188/296  
2 192/12D  
2 192/21.5  
2 192/84.3  
2 192/84.961  
2 290/46  
2 310/113  
2 310/162  
2 310/166  
2 310/168  
2 310/180

2 310/184  
2 310/198  
2 310/200  
2 310/201  
2 310/254  
2 310/258  
2 310/263  
2 310/266  
2 310/269  
2 310/49R  
2 310/52  
2 310/61  
2 310/67R  
2 310/68R  
2 310/89  
2 310/92  
2 318/35  
2 318/375  
2 318/377  
2 318/380  
2 318/701  
2 318/729  
2 318/759  
2 322/29  
2 322/33  
2 322/93  
2 324/162  
2 336/84R  
2 361/18

Combined Classifications

14 318/254  
7 310/261  
6 188/164  
6 192/21.5  
6 310/268  
6 310/77  
6 318/138  
5 188/267  
5 310/112  
5 310/263  
5 310/93  
5 318/375  
4 310/105  
4 310/114  
4 310/181  
4 310/198  
4 310/211  
4 310/92  
4 318/376  
4 318/696  
4 318/701  
3 188/267.1  
3 188/267.2  
3 192/84.961  
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3 310/49R  
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3 310/90  
3 310/90.5  
3 318/245  
3 318/439  
3 322/29  
3 322/32  
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2 74/572  
2 188/161  
2 188/171  
2 188/296  
2 192/12D  
2 192/84.3  
2 290/46  
2 310/113  
2 310/156.01  
2 310/156.32  
2 310/166  
2 310/180  
2 310/184  
2 310/200  
2 310/201  
2 310/254  
2 310/258  
2 310/267  
2 310/40MM  
2 310/50  
2 310/52  
2 310/67R  
2 310/68B  
2 310/68D  
2 310/68R  
2 310/76  
2 310/80  
2 310/89  
2 318/35  
2 318/377  
2 318/380  
2 318/381  
2 318/502  
2 318/611  
2 318/729  
2 318/757  
2 318/759  
2 318/760  
2 318/763  
2 322/10  
2 322/28  
2 322/33  
2 322/34  
2 322/93  
2 324/146  
2 324/162  
2 336/84R  
2 361/18  
2 434/301  
2 494/7

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2 505/166

10037118\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10037118 on April 14, 2004

14 318/254 (7 OR, 7 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/254 SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS

7 310/261 (0 OR, 7 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure

6 188/164 (2 OR, 4 XR)

Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/158 .Electric  
188/161 ..Electromagnet  
188/164 ...Magnetic circuit

6 192/21.5 (4 OR, 2 XR)

Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/21.5 FIELD RESPONSIVE FRICTIONAL MEDIA TYPE

6 310/268 (1 OR, 5 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure  
310/264 ...Armatures  
310/268 ....Disc

6 310/77 (3 OR, 3 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/75R ...Drive mechanism  
310/77 ....Brake

6 318/138 (1 OR, 5 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/138 SPACE-DISCHARGE-DEVICE COMMUTATED MOTOR

5 188/267 (2 OR, 3 XR)

Class 188 : BRAKES  
188/266 INTERNAL-RESISTANCE MOTION RETARDER  
188/267 .Using magnetic flux

5 310/112 (1 OR, 4 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/112 ..Plural units, structurally united

5 310/263 (3 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC

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310/40R .Rotary  
310/261 ..Rotor structure  
310/263 ...Interfitting or claw tooth rotors

5 310/93 (1 OR, 4 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/92 ..Torque-transmitting clutches or brakes  
310/93 ...Brake type

5 318/375 (3 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/362 BRAKING  
318/375 .Dynamic braking

4 310/105 (0 OR, 4 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/92 ..Torque-transmitting clutches or brakes  
310/103 ...Magnetic field type  
310/105 ....Induced or eddy current type

4 310/114 (1 OR, 3 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/114 ..Plural rotary elements

4 310/181 (1 OR, 3 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/180 ...Field or excitation windings or structure  
310/181 ....Combined permanent and electromagnet

4 310/198 (2 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/195 ...Armature or primary  
310/198 ....Plural windings

4 310/211 (0 OR, 4 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/210 ...Secondary windings or conductors  
310/211 ....Squirrel cage

4 310/92 (2 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/92 ..Torque-transmitting clutches or brakes

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4 318/376 (1 OR, 3 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/362 BRAKING  
318/375 .Dynamic braking  
318/376 ..Regenerative

4 318/696 (1 OR, 3 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/696 OPEN-LOOP STEPPING MOTOR CONTROL SYSTEMS

4 318/701 (2 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/700 SYNCHRONOUS MOTOR SYSTEMS  
318/701 .Hysteresis or reluctance motor systems

3 188/267.1 (1 OR, 2 XR)  
Class 188 : BRAKES  
188/266 INTERNAL-RESISTANCE MOTION RETARDER  
188/267.1 .Electroviscous or electrorheological fluid

3 188/267.2 (1 OR, 2 XR)  
Class 188 : BRAKES  
188/266 INTERNAL-RESISTANCE MOTION RETARDER  
188/267.2 .Magnetic fluid or material (e.g., powder)

3 192/84.961 (1 OR, 2 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/82R .Operators  
192/84.1 ..Electric or magnetic  
192/84.9 ...Operator for axially engaging elements  
192/84.96 ....Fixed concentric coil  
192/84.961 .....With pulley or gear

3 310/162 (1 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/159 ..A.C.  
310/162 ...Synchronous

3 310/168 (1 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/159 ..A.C.  
310/166 ...Induction  
310/168 ....Inductor-type generators (variable  
reluctance)

3 310/266 (1 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure  
310/264 ...Armatures  
310/266 ....Hollow (e.g., double air gap)

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3 310/269 (1 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure  
310/264 ...Armatures  
310/269 ....Salient pole

3 310/49R (1 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/46 ..Magnetic motors  
310/49R ...Step-by-step

3 310/61 (1 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/52 ..Cooling or fluid contact  
310/58 ...Circulation  
310/60R ....Self-forced  
310/61 .....Rotor passage

3 310/90 (0 OR, 3 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/90 ...Bearing or air-gap adjustment or bearing lubrication

3 310/90.5 (2 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/90 ...Bearing or air-gap adjustment or bearing lubrication  
310/90.5 ....Magnetic bearing

3 318/245 (0 OR, 3 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/244 ALTERNATING CURRENT COMMUTATING MOTORS  
318/245 .Universal or A.C.-D.C. motors

3 318/439 (0 OR, 3 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/439 MOTOR COMMUTATION CONTROL SYSTEMS

3 322/29 (1 OR, 2 XR)  
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS  
322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS  
322/29 .Speed or frequency of generator

3 322/32 (0 OR, 3 XR)  
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS  
322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS

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322/29 .Speed or frequency of generator  
322/32 ..Frequency responsive devices or networks

3 361/20 (2 OR, 1 XR)  
Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

361/1 SAFETY AND PROTECTION OF SYSTEMS AND DEVICES  
361/20 .Generator protective circuits

2 74/572 (1 OR, 1 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/469 CONTROL LEVER AND LINKAGE SYSTEMS  
74/572 .Flywheels and rotors

2 188/161 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/158 .Electric  
188/161 ..Electromagnet

2 188/171 (1 OR, 1 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/166 .Spring  
188/171 ..Electric release

2 188/296 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/266 INTERNAL-RESISTANCE MOTION RETARDER  
188/290 .Using a rotary-type fluid damper  
188/296 ..Driving radial vanes which cause toroidal  
flow of brake fluid

2 192/12D (0 OR, 2 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/12R CLUTCH AND BRAKE  
192/12D .Electric

2 192/84.3 (0 OR, 2 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/82R .Operators  
192/84.1 ..Electric or magnetic  
192/84.3 ...Including permanent magnet

2 290/46 (0 OR, 2 XR)  
Class 290 : PRIME-MOVER DYNAMO PLANTS  
290/46 STARTING AND GENERATING DYNAMO

2 310/113 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/112 ..Plural units, structurally united  
310/113 ...Motor-generator sets

2 310/156.01 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

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310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/152 ..Permanent magnet machines  
310/156.01 ...Permanent magnet rotor

2 310/156.32 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/152 ..Permanent magnet machines  
310/156.01 ...Permanent magnet rotor  
310/156.32 ....Including an axial air gap

2 310/166 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/159 ..A.C.  
310/166 ....Induction

2 310/180 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/180 ...Field or excitation windings or structure

2 310/184 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/180 ...Field or excitation windings or structure  
310/184 ....Plural field windings

2 310/200 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/195 ...Armature or primary  
310/200 ....Variable length or tapped windings

2 310/201 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/195 ...Armature or primary  
310/201 ....Bar windings

2 310/254 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/254 ..Stator structure

2 310/258 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

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310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/254 ..Stator structure  
310/258 ...Frame and core type

2 310/267 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure  
310/264 ...Armatures  
310/267 ....Ring

2 310/40MM (2 OR, 0 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/40MM ..Miniature motors

2 310/50 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/50 ..Portable or hand tool

2 310/52 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/52 ..Cooling or fluid contact

2 310/67R (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/67R ...Inbuilt or incorporated unit

2 310/68B (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/68R ...Electric circuit elements  
310/68B ....Condition responsive (e.g., position,  
torque, etc.)

2 310/68D (2 OR, 0 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/68R ...Electric circuit elements  
310/68D ....Conversion elements, (e.g., transformers,  
rectifiers, etc.)

2 310/68R (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC

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310/40R .Rotary  
310/66 ..With other elements  
310/68R ...Electric circuit elements

2 310/76 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/75R ...Drive mechanism  
310/76 ....Brake and clutch

2 310/80 (2 OR, 0 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/75R ...Drive mechanism  
310/80 ....Motion conversion

2 310/89 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/85 ...Mechanical shields or protectors  
310/89 ....Housings, windows or covers

2 318/35 (0 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/34 PLURAL, DIVERSE OR DIVERSELY CONTROLLED  
ELECTRIC MOTORS  
318/35 .Motors with diverse motions (e.g.,  
reciprocating and rotary motors)

2 318/377 (0 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/362 BRAKING  
318/375 .Dynamic braking  
318/376 ..Regenerative  
318/377 ...With additional source of e.m.f.

2 318/380 (0 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/362 BRAKING  
318/375 .Dynamic braking  
318/379 ..Locally closed armature circuit  
318/380 ....Closed through impedance or the like

2 318/381 (2 OR, 0 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/362 BRAKING  
318/375 .Dynamic braking  
318/379 ..Locally closed armature circuit  
318/381 ....With field or secondary circuit control

2 318/502 (1 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/494 ARMATURE (OR PRIMARY) CIRCUIT CONTROL

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318/502 .Variable length or tapped armature winding

2 318/611 (2 OR, 0 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)  
318/611 .With stabilizing features (e.g., anti-hunting,  
damping)

2 318/729 (0 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/727 INDUCTION MOTOR SYSTEMS  
318/729 .Power-factor control

2 318/757 (1 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/727 INDUCTION MOTOR SYSTEMS  
318/757 .Braking  
318/759 ..Dynamic braking

2 318/759 (0 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/727 INDUCTION MOTOR SYSTEMS  
318/757 .Braking  
318/759 ..Dynamic braking

2 318/760 (1 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/727 INDUCTION MOTOR SYSTEMS  
318/757 .Braking  
318/759 ..Dynamic braking  
318/760 ...Direct current primary winding braking  
circuit

2 318/763 (1 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/727 INDUCTION MOTOR SYSTEMS  
318/757 .Braking  
318/763 ..Reversal of power to primary winding

2 322/10 (2 OR, 0 XR)  
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS  
322/10 WITH PHYSICAL STARTING AND/OR STOPPING OF THE  
GENERATOR

2 322/28 (1 OR, 1 XR)  
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS  
322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS  
  
322/28 .Voltage of generator or circuit supplied

2 322/33 (0 OR, 2 XR)  
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS  
322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS  
  
322/33 .Thermal conditions

2 322/34 (2 OR, 0 XR)  
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS  
322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEANS

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322/33 . Thermal conditions  
322/34 .. In generator and/or driving means

2 322/93 (0 OR, 2 XR)  
Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS  
322/44 GENERATOR CONTROL  
322/89 . With armature or primary circuit control  
322/93 .. Tapped or sectionalized

2 324/146 (1 OR, 1 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/76.11 MEASURING, TESTING, OR SENSING ELECTRICITY, PER  
SE  
324/144 . With electromagnetic field (e.g., dynamometer)  
324/146 .. With permanent magnet (e.g., field, vane)

2 324/162 (0 OR, 2 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/160 ELECTRICAL SPEED MEASURING  
324/162 . With acceleration measuring means

2 336/84R (0 OR, 2 XR)  
Class 336 : INDUCTOR DEVICES  
336/84R WITH ELECTRIC AND/OR MAGNETIC SHIELDING MEANS

2 361/18 (0 OR, 2 XR)  
Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES  
361/1 SAFETY AND PROTECTION OF SYSTEMS AND DEVICES  
361/18 . Voltage regulator protective circuits

2 434/301 (1 OR, 1 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/276 SCIENCE  
434/300 . Physics  
434/301 .. Electricity or magnetism

2 494/7 (1 OR, 1 XR)  
Class 494 : IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS  
494/1 WITH CONDITION RESPONSIVE MEANS  
494/7 . For controlling drive of (a) bowl or (b)  
driven means within bowl

2 505/166 (1 OR, 1 XR)  
Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS  
505/150 HIGH TEMPERATURE (T<sub>c</sub> GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR  
PROCESSES OF USING  
505/166 . Dynamoelectric machine (e.g., motor,  
generator, etc.), rotational system or device (e.g.,  
clutch, rotor, bearing, etc.), or components thereof